

ABSTRACT OF THE DISCLOSURE

5 | A flash unit charging-control circuit for a camera includes a voltage converter connected to a flash unit capacitor, a square-wave oscillator for causing modulating current supplied by the voltage converter from a power supply battery to the flash unit capacitor that relieves a substantial burden on the MCU of the camera, and a current control circuit. When the battery voltage becomes low, the current control circuit will regulate the charging current so as to slow the decrease in battery voltage during charging.